

From: "Coffey, Scott" <CoffeySE@cdmsmith.com>  
To: "Zhen, Davis" <Zhen.Davis@epa.gov>  
"Sheldrake, Sean" <sheldrake.sean@epa.gov>  
CC: [younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)  
Date: 4/27/2018 11:03:24 AM  
Subject: RE: PHSS stratified random surface sediment sampling

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Hi Davis.

Sorry for the confusion. The response is the ultimate decision on whether EPA can accept AECOMs new approach to sediment sampling. Our oversight (Jason, Julee etc..) are telling the field crew that they cannot implement that without a formal field change request, followed by EPA review and approval. There have been times recently where they've encountered hard sediment conditions and the field crew feel they can just implement their plan. We're telling them no – Implement EPA's plan, or move on to a different site. They've been skipping a lot of sites, but they're running out of the soft ones.

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From: Zhen, Davis <Zhen.Davis@epa.gov>  
Sent: Friday, April 27, 2018 10:58 AM  
To: Coffey, Scott <CoffeySE@cdmsmith.com>; Sheldrake, Sean <sheldrake.sean@epa.gov>  
Cc: Young, Howard S. <younghs@cdmsmith.com>  
Subject: RE: PHSS stratified random surface sediment sampling

Thank you Scott and Howard. I didn't know Julee needed a response from us. That said, you are correct that AECOM can only implement what we have specified in my email to Ken earlier in the week. Any deviation from that approach is not approved.

Thanks,

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Davis Zhen, Manager  
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Office of Environmental Cleanup  
1200 Sixth Avenue Suite 155  
M/S ECL – 122, Seattle, WA 98101  
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Cell: (206) 437-5826

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From: Coffey, Scott [<mailto:CoffeySE@cdmsmith.com>]  
Sent: Friday, April 27, 2018 10:48 AM  
To: Sheldrake, Sean <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>  
Cc: Young, Howard S. <[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)>  
Subject: FW: PHSS stratified random surface sediment sampling

Sean and Davis:

Sharing this email thread so you are aware that our oversight staff continue to have frequent arguments over sampling procedure in hardened sediment with the AECOM field staff today. Howard is giving good clear direction to our oversight staff, but the work with the AECOM field crew appears to be quite tense as more and more hard sediment locations are encountered.

My understanding from Jason is that it gets elevated to AECOM management and they agree with following EPA oversight staff terms and direct the field staff to follow it at which point they comply.

I'm looking forward to our 2pm call with John Kern so that, if there is an agreeable compromise that doesn't impact

our valuable baseline dataset objectives, we can have that implemented and it relieves some of this tension out on the boats. Our staff is aware that they're not out there to make friends, but tensions like this can make 10 hour days on a small boat seem even longer.

Scott

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From: Young, Howard S.  
Sent: Friday, April 27, 2018 10:31 AM  
To: Trump, Julee M. <[trumpjm@cdmsmith.com](mailto:trumpjm@cdmsmith.com)>; Coffey, Scott <[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>  
Cc: Silvertooth, Jason R. <[silvertoothjr@cdmsmith.com](mailto:silvertoothjr@cdmsmith.com)>; Greazel, Andrew <[GreazelAD@cdmsmith.com](mailto:GreazelAD@cdmsmith.com)>  
Subject: RE: PHSS stratified random surface sediment sampling

Yes that plan was not approved by EPA. Until EPA approves it they shouldn't implement it.

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From: Trump, Julee M.  
Sent: Friday, April 27, 2018 10:25 AM  
To: Young, Howard S. <[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)>; Coffey, Scott <[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>  
Cc: Silvertooth, Jason R. <[silvertoothjr@cdmsmith.com](mailto:silvertoothjr@cdmsmith.com)>; Greazel, Andrew <[GreazelAD@cdmsmith.com](mailto:GreazelAD@cdmsmith.com)>  
Subject: Re: PHSS stratified random surface sediment sampling

AECOM said that this procedure was submitted to the EPA with the alternate procedure for dealing with the low recoveries, which to my knowledge was not approved. Do they need to resubmit that separately, or would there be a partial approval? It's unclear from my stance if the EPA might have given approval for only 3 failed attempts in the primary location

Thanks,  
Julee

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Trump, Julee M." <[trumpjm@cdmsmith.com](mailto:trumpjm@cdmsmith.com)>  
Date: 4/27/18 9:38 AM (GMT-08:00)  
To: "Young, Howard S." <[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)>, "Coffey, Scott" <[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>  
Cc: "Silvertooth, Jason R." <[silvertoothjr@cdmsmith.com](mailto:silvertoothjr@cdmsmith.com)>, "Greazel, Andrew" <[GreazelAD@cdmsmith.com](mailto:GreazelAD@cdmsmith.com)>  
Subject: Re: PHSS stratified random surface sediment sampling

I didn't get any responses to the email below. Is this acceptable to the EPA? this is the procedure the field crews are using in the field.

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Trump, Julee M." <[trumpjm@cdmsmith.com](mailto:trumpjm@cdmsmith.com)>  
Date: 4/26/18 5:24 PM (GMT-08:00)  
To: "Zhen, Davis" <[zhen.davis@epa.gov](mailto:zhen.davis@epa.gov)>, "Sheldrake, Sean" <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>  
Cc: "Young, Howard S." <[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)>, "Silvertooth, Jason R." <[silvertoothjr@cdmsmith.com](mailto:silvertoothjr@cdmsmith.com)>, "Coffey, Scott" <[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>, "Greazel, Andrew" <[GreazelAD@cdmsmith.com](mailto:GreazelAD@cdmsmith.com)>  
Subject: Re: PHSS stratified random surface sediment sampling

Sean and Davis,

Another tough location to end today. The Tieton encountered nothing but washouts (3 attempted grabs) at location SG-B419 (RM 11.7 middle), which brought to light that AECOM has implemented a new procedure to move to the 50 FT radius after 2 grabs due to washout and move to an alternate location after 3 consecutive washouts with no samplable recoveries. The alternate location is planned to be attempted most likely tomorrow.

Thank you,

Julee

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Trump, Julee M." <[trumpjm@cdmsmith.com](mailto:trumpjm@cdmsmith.com)>

Date: 4/26/18 5:12 PM (GMT-08:00)

To: "Zhen, Davis" <[zhen.davis@epa.gov](mailto:zhen.davis@epa.gov)>, "Sheldrake, Sean" <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>

Cc: "Young, Howard S." <[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)>, "Silvertooth, Jason R." <[silvertoothjr@cdmsmith.com](mailto:silvertoothjr@cdmsmith.com)>, "Coffey, Scott" <[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>, "Greazel, Andrew" <[GreazelAD@cdmsmith.com](mailto:GreazelAD@cdmsmith.com)>

Subject: Re: PHSS stratified random surface sediment sampling

Sean and Davis,

The next location also had poor sand recovery at SG-B417 on the first grab, so this grab was logged and location was skipped. SG-B416 was also skipped due to proximity (RM 11.6 W). These locations will be revisited after the recovery issue has been fully resolved.

Thank you,

Julee

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Trump, Julee M." <[trumpjm@cdmsmith.com](mailto:trumpjm@cdmsmith.com)>

Date: 4/26/18 4:39 PM (GMT-08:00)

To: "Zhen, Davis" <[zhen.davis@epa.gov](mailto:zhen.davis@epa.gov)>, "Sheldrake, Sean" <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>

Cc: "Young, Howard S." <[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)>, "Silvertooth, Jason R." <[silvertoothjr@cdmsmith.com](mailto:silvertoothjr@cdmsmith.com)>, "Coffey, Scott" <[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>, "Greazel, Andrew" <[GreazelAD@cdmsmith.com](mailto:GreazelAD@cdmsmith.com)>

Subject: PHSS stratified random surface sediment sampling

There was a recovery of less than 20 cm at SG-B401 (RM 11.2 W) with an underlying sand layer after two successful grabs had been sampled. CDM Smith expressed that discarding the sample was not in line with EPA's plan, which CDM Smith understood was agreed to by AECOM. After consulting AECOM management, weights were added and further grabs were collected with above 20 cm recovery to complete both the normal sample and the low recovery sample.

Find attached photo of normal sample homogenized in large bowl and aliquotes of low recovery sample in smaller bowls

Thank you,

Julee

Sent from my Verizon, Samsung Galaxy smartphone